

DeWAL® DW409

DeWAL® DW409 is an aluminum foil and glass fabric laminate with a high temperature silicone adhesive. The aluminum foil provides excellent reflective and conductive characteristics in high temperature applications. The silicone adhesive provides excellent adhesion at high temperatures yet removes cleanly.

Features & Benefits:

- Removes cleanly at elevated temperatures
- Excellent reflective and conductive characteristics
- Strong adhesion at high temperatures

Applications:

- Masking tape in plasma flame spraying
- Heat shield for harness wraps

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Aluminum Foil/Glass Fabric
Backing Thickness, mm (inches)		0.099 – 0.130 (0.0039 – 0.0051)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.089 – 0.114 (0.0035 – 0.0045)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	480 – 826 (41 - 74)	670 (60)
Engine Manufacturer Approvals:			
Pratt & Whitney	PMC - 4433		Approved
General Electric	C10 - 12		Approved
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 - 635	0.25 - 25
Core Diameter mm, inches	76	3
Roll Length m, yards	33	36

*Typical values shown are from testing at date of manufacture and should not be used for specification limits.

- Additional technical information and product specifications are available upon request.
- Shelf life is 1 year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.